

<110> INCYTE GENOMICS, INC.  
 THORNTON, Michael  
 RAMKUMAR, Jayalaxmi  
 TRIBOULEY, Catherine M.  
 YUE, Henry  
 NGUYEN, Dannel B.  
 YAO, Monique G.  
 PATTERSON, Chandra  
 GANDHI, Ameena R.  
 BURFORD, Neil  
 THANGAVELU, Kavitha  
 BAUGHN Mariah R.

<120> HUMAN LYASES

<130> PI-0137 PCT

<140> To Be Assigned

<141> Herewith

<150> 60/213,383; 60/215,544; 60/222,818

<151> 2000-06-23; 2000-06-30; 2000-08-04

<160> 6

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<210> 1

<211> 242

<212> PRT

<213> Homo sapiens

<220>

<221> misc\_feature

<223> Incyte ID No: 6338333CD1

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Val	Val	His	Trp	Asn	Ser	Asp	Lys	Tyr	Pro	Ser	Phe	Val	Glu	Ala	
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Ala	His	Glu	Pro	Asp	Gly	Leu	Ala	Val	Leu	Gly	Val	Phe	Leu	Gln	
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 Asp Leu Leu Ser Leu Leu Pro Pro Ser Trp Asp Tyr Trp Thr Tyr  
 185 190 195  
 Pro Gly Ser Leu Thr Val Pro Pro Leu Leu Glu Ser Val Thr Trp  
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 Ile Val Leu Lys Gln Pro Ile Asn Ile Ser Ser Gln Gln Leu Ala  
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&lt;211&gt; 460

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte ID No: 1415322CD1

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 Leu Gly Ala Ile Val Arg Lys His Phe Cys Phe Leu Lys Cys Leu  
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 Pro Arg Val Arg Pro Phe Tyr Ala Val Lys Cys Asn Ser Ser Pro  
 65 70 75  
 Gly Val Leu Lys Val Leu Ala Gln Leu Gly Leu Gly Phe Ser Cys  
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 Ala Asn Lys Ala Glu Met Glu Leu Val Gln His Ile Gly Ile Pro  
 95 100 105  
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 110 115 120  
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 125 130 135  
 Asn Glu Met Glu Leu Ala Lys Val Val Lys Ser His Pro Ser Ala  
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 Lys Met Val Leu Cys Ile Ala Thr Asp Asp Ser His Ser Leu Ser  
 155 160 165  
 Cys Leu Ser Leu Lys Phe Gly Val Ser Leu Lys Ser Cys Arg His  
 170 175 180  
 Leu Leu Glu Asn Ala Lys Lys His His Val Glu Val Val Gly Val  
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 Ser Phe His Ile Gly Ser Gly Cys Pro Asp Pro Gln Ala Tyr Ala  
 200 205 210  
 Gln Ser Ile Ala Asp Ala Arg Leu Val Phe Glu Met Gly Thr Glu  
 215 220 225  
 Leu Gly His Lys Met His Val Leu Asp Leu Gly Gly Gly Phe Pro

WO 02/00840

PCT/US01/19166

Gly Thr Glu Gly	230	235	240
Ala Lys Val Arg Phe		Glu Ile Ala Ser Val	
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Ile Asn Ser Ala Leu Asp Leu Tyr Phe	260	265	270
275	280	285	
Thr Val Ala Val Ser Ile Ile Ala Lys Lys	290	295	300
Gln Pro Gly Arg Glu Glu Glu Asn Gly Ser	305	310	315
Val Tyr His Leu Asp Glu Gly Val Tyr Gly	320	325	330
Leu Phe Asp Asn Ile Cys Pro Thr Pro	335	340	345
Ser Thr Glu Gln Pro Leu Tyr Ser Ser	350	355	360
Val Asp Gly Cys Asp Cys Val Ala Glu Gly	365	370	375
Leu His Val Gly Asp Trp Leu Val Phe Asp	380	385	390
Thr Val Gly Met Gly Ser Pro Phe Trp Gly	395	400	405
Ile Thr Tyr Ala Met Ser Arg Val Ala Trp	410	415	420
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<213> Homo sapiens

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<223> Incyte ID No: 3267634CD1

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20	25	30		
Gly Trp Trp Ala Tyr	Lys Glu Val Val Gln	Gly Ser Phe Val	Pro	
35	40	45		
Val Pro Ser Phe Trp	Gly Leu Val Asn Ser	Ala Trp Asn Leu	Cys	
50	55	60		
Ser Val Gly Lys Arg	Gln Ser Pro Val Asn	Ile Glu Thr Ser	His	
65	70	75		
Met Ile Phe Asp Pro	Phe Leu Thr Pro Leu	Arg Ile Asn Thr	Gly	
80	85	90		
Gly Arg Lys Val Ser	Gly Thr Met Tyr Asn	Thr Gly Arg His	Val	
95	100	105		

WO 02/00840

PCT/US01/19166

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155 160 165  
Tyr Thr Asn Val Thr Glu Ala Ala Lys Ser Pro Asn Gly Leu Val  
170 175 180  
Val Val Ser Ile Phe Ile Lys Val Ser Asp Ser Ser Asn Pro Phe  
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Leu Asn Arg Met Leu Asn Arg Asp Thr Ile Thr Arg Ile Thr Tyr  
200 205 210  
Lys Asn Asp Ala Tyr Leu Leu Gln Gly Leu Asn Ile Glu Glu Leu  
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230 235 240  
Ile Pro Pro Cys Tyr Glu Thr Ala Ser Trp Ile Ile Met Asn Lys  
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Pro Val Tyr Ile Thr Arg Met Gln Met His Ser Leu Arg Leu Leu  
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290 295 300  
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